

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A communication terminal that is connected to a public line network, ~~for to communicating communicate~~ with a center apparatus connected to the public line network to send and receive short message data to/from another communication terminal via the center apparatus,

the communication terminal comprising:

a master unit; and

a slave unit ~~operatively connected to said master unit for performing mutual wireless communications with the master unit,~~

the slave unit including:

~~a slave unit side input means for device inputting short message data, and wherein~~

~~the slave unit side wireless communicating means for sending the short message data inputted with the slave unit side input means device and for receiving short message data from the master unit over wireless communications,~~

the master unit including:

~~a master unit side input means for device inputting short message data, and~~

~~a master communicating device unit side communicating means that is connected to a public line network, for sending and receiving short message data to/from the center apparatus, wherein~~

~~the master communicating device unit side wireless communicating means for sending short message data received by the master communicating means device to the slave unit and receiving short message data from the slave unit,~~

~~a storing means for device storing a plurality types of communication protocol information, each of which corresponds to a center apparatus, to be used for to communications communicate of with the master communication means device,~~

~~a selecting means for device selecting a center apparatus to be communicated with among the center apparatuses whose communication protocol information is stored, based on a predetermined condition, and~~

a controlling means for~~device~~ controlling the master communicating means
~~device~~ so as to send short message data inputted with the master unit side-input means~~device~~ or
short message data received by the master unit-side wireless-communicating means~~device~~ to the
center apparatus when sending the short message data, and to receive short message data from
the center apparatus when receiving the short message data, based on the communication
protocol information of the center apparatus selected by the selecting means~~device~~, and for
determining whether or not the short message data received from the center apparatus is
addressed to the slave unit, and when the short message data is determined as being addressed to
the slave unit, controlling the master unit-side wireless-communicating means~~device~~ so as to
send the received short message data to the slave unit.

2. (Currently amended) The communication terminal of claim 1, wherein the
storing means~~device~~ stores association between each center apparatus whose communication
protocol information is stored and the master unit or the slave unit, and

when the master unit-side wireless-communicating means~~device~~ has received short
message data inputted with the slave unit-side input means~~device~~, the selecting means~~device~~
selects a center apparatus associated with the slave unit from which the short message data is
sent; and when the short message data is inputted with the master unit-side input means~~device~~,
the selecting means~~device~~ selects a center apparatus associated with the master unit.

3. (Currently amended) The communication terminal of claim 2, wherein, when the
master communicating means~~device~~ receives short message data from a center apparatus, the
controlling device means-refers to the storing means~~device~~ and determines whether or not the
center apparatus that sent the short message data is a center apparatus associated with the slave
unit, so as to determine whether or not the received short message data is addressed to the slave
unit.

4. (Currently amended) The communication terminal of claim 1, wherein the
master unit includes counting device means-for-counting the degree of communications

indicating the communication amount with a center apparatus for each center apparatus whose communication protocol information is stored, and for-storing the counted communication amount in the storing device means for each center apparatus.

5. (Currently amended) The communication terminal of claim 1, wherein the master unit includes printing device means for printing short message data, and

at least one of the master unit and the slave unit includes designating device means for designating short message data to be printed by the printing device means from among received short message data addressed to the slave unit.

6. (Currently amended) The communication terminal of claim 1, wherein the master unit includes master unit side displaying device means for displaying short message data,

the slave unit includes slave unit side displaying device means for displaying short message data, and

the slave unit side displaying device means has higher resolution than that of the master unit side displaying device means.

7. (Currently amended) The communication terminal of claim 6, wherein the master unit includes converting device means for converting a character code into a character font,

the master unit side wireless communicating device means sends a character font converted from a character code contained in received short message data to the slave unit as image data; the slave unit side wireless communicating means receives the image data sent from the master unit; and the slave unit side displaying device means displays the image data received by the slave unit side wireless communicating means in place of the short message data.

8. (Currently amended) A communication terminal that is connected to a public line network, for to send sending and receiving receive short message data to/from a center apparatus

connected to the public line network to send and receive the short message data to/from another communication terminal via the center apparatus,

the communication terminal comprising:

a master unit; and

a slave unit operatively connected to said master unit for performing mutual wireless communications with the master unit,

the slave unit including:

an input device means for inputting short message data to be sent to the center apparatus, and

an output device means for outputting short message data received from the center apparatus.,

a slave communicating device sending the short message data inputted with the input device and receiving short message data from the master unit, and

a selecting device selecting a center apparatus to be communicated with,

the master unit including:

a master communicating device that is connected to a public line network, sending and receiving short message data to/from the center apparatus, wherein

the master communicating device sending short message data received to the slave unit and receiving short message data from the slave unit,

a storing device storing a plurality types of communication protocol information, each of which corresponds to a center apparatus, and

a controlling device controlling the master communicating device so as to send short message data received by the master communicating device to the center apparatus when sending the short message data, and to receive short message data from the center apparatus when receiving the short message data, based on the communication protocol information of the center apparatus selected by the selecting device, and

determining whether or not the short message data received from the center apparatus is addressed to the slave unit, and when the short message data is determined as being addressed to

the slave unit, controlling the master communicating device so as to send the received short message data to the slave unit.

9. (New) A communication method for communicating with an intermediate process to send and receive short message data to/from another destination communication process via the intermediate process, comprising:

 a destination communication process including:
 a slave process communicating wirelessly with a master process,
 the slave process including:
 inputting the short message to the slave process, and
 wirelessly sending the short message to a master process,
 the master process including:
 inputting the short message,
 sending and receiving the short message to/from the intermediate process,
 sending the short message received by the master process to the slave process, and
 receiving the short message from the slave process,
 selecting an intermediate process to communicate with, and
 controlling the master process so as to send short message data inputted with the master processor short message data received by the master process to the intermediate process when sending the short message data, and to receive short message data from the intermediate process when receiving the short message data, based on the intermediate process selected, and determining whether or not the short message data received from the intermediate process is addressed to the slave process, and when the short message data is determined as being addressed to the slave process, controlling the master process so as to send the received short message data to the slave process.

10. (New) The communication method of claim 9, wherein the selecting of the intermediate process to be communicated with among the intermediate process whose communication protocol information is stored, is based on a predetermined condition.

11. (New) The communication method of claim 10, wherein the controlling is based on the communication protocol information of the intermediate process selected.